

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY - 671 DARLINGTON CIRCLE

Analyte	EPA RML for Residential Soil ¹	BKHS-671DCI-D1-041423	BKHS-671DCI-D2-041423	BKHS-671DCI-D3-T1-041423	BKHS-671DCI-D3-T2-041423	BKHS-671DCI-D3-T3-041423	BKHS-671DCI-D4-041423	BKHS-671DCI-D5-041423
		DU 001	DU 002	DU 003			DU 004	DU 005
TAL Metals (mg/kg)								
Aluminum	230,000	10,500	11,200	9,220	9,670	9,820	12,700	11,600
Antimony	94	5.1 UJ	5.0 UJ	4.9 UJ	4.9 J-	5.1 UJ	4.9 UJ	5.1 UJ
Arsenic	68	3.0 UJ	3.6	4.2	5.1	4.0	9.9	11.6
Barium	46,000	90.7	103	205	212	161	376	372
Beryllium	470	ND U	1.0 U	0.98 U	1.0 U	1.0 U	0.98 U	1.0 U
Cadmium	21	ND U	1.0 UJ	3.3 J	1.5 J	0.45 J	0.95 J	0.78 J
Calcium	NL	820	3,890	7,130	7,860	5,360	5,190	5,770
Chromium	30	4.2	6.9	8.7	9.5	6.4	17.6	15.7
Cobalt	70	3.5 J	3.9 J	3.7 J	3.6 J	3.4 J	6.1	5.5
Copper	9,400	55.0	54.9	92.8	79.3	68.5	125	106
Iron	160,000	11,100	12,100	11,300	11,100	10,700	19,100	16,900
Lead	400	64.6	77.8	209	482	137	682	659
Magnesium	NL	2,800	2,220	1,710	1,760	1,840	2,000	2,050
Manganese	5,500	373	437	570	593	507	488	437
Mercury	33	0.034 J	0.072 J	0.17 J	0.32	0.2 J	3.4	0.80
Nickel	4,600	2 J	3.6	7.2 J	8.2 J	4.0 J	12.4	10.9
Potassium	NL	3,100 J+	2,440 J+	1,830 J+	1,920 J+	2,020 J+	2,060 J+	2,140 J+
Selenium	1,200	25.3 UJ	24.9 UJ	24.5 UJ	25.5 UJ	25.5 UJ	24.5 UJ	25.6 UJ
Silver	1,200	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.5 J+	1.6 J+
Sodium	NL	101 U	99.8 U	98.2 U	102 U	102 U	68.8 J+	61.1 J+
Thallium	2.3	20.2 U	20.0 U	19.6 U	20.4 U	20.4 U	19.6 U	20.5 U
Thorium	NL	8.1 J+	6.7 J+	5.8 J+	5.5 J+	6.2 J+	5.2 J+	4.8 J+
Uranium	47	4.0	3.2	2.7	2.7	3.1	3.5	3.2
Vanadium	1,200	15.7	17.2	13.9	13.9	13.9	24.0	22.9
Zinc	70,000	75.8	153	398	387	240	452	489
Zirconium	19	0.87 J+	1.1 J+	1.5 J+	1.4 J+	1.4 J+	1.3 J+	1.4 J+

Notes:

BOLD Concentration exceeded the criteria defined in U.S. EPA RML for Chemical Contaminants for 10-4 Risk Level for Carcinogens or a Hazard Quotient of 3 for Non-Carcinogens, dated May 2023.

BOLD Indicates analyte was positively identified at the associated value.

¹: U.S. Environmental Protection Agency Regional Removal Management Levels for Chemical Contaminants for 10^{-4} Risk Level for Carcinogens or a Hazard Quotient of 3 for Non-Carcinogens, dated May 2023.

BKHS: Buckhead Slag

D#: Decision unit

DCI: Darlington Circle

DU: Decision unit

EPA: U.S. Environmental Protection Agency

J: The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.

J+: The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.

J-: The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.

mg/kg: Milligram per kilogram

NL: Not listed

RML: Removal management levels

TAL: Target analyte list

U: The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).

UJ: The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.